

WHAT IS CLAIMED IS:

1. A grease composition for a bearing of information devices comprising:

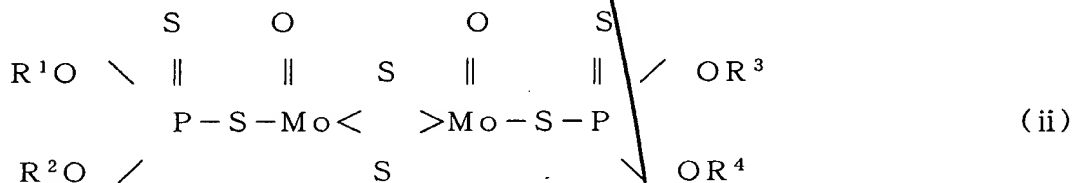
a carbonate compound of the following general formula (i) serving as a base oil



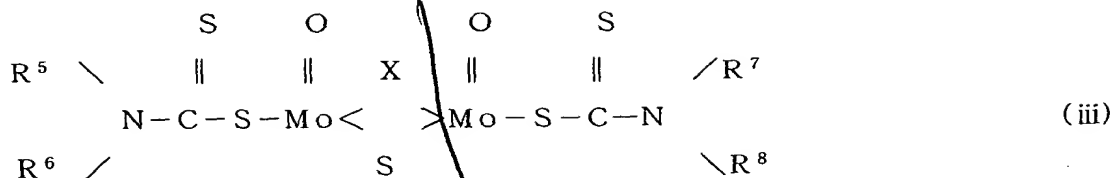
wherein R and R' may be the same or different and independently represent a branched alkyl group having from 13 to 15 carbon atoms;

a lithium soap serving as a thickener; and

at least one organomolybdenum compound selected from the group consisting of a molybdenum dithiophosphate of the general formula (ii)



wherein R¹, R², R³ and R⁴ independently represent an alkyl group having from 1 to 24 carbon atoms or an aryl group having from 6 to 30 carbon atoms, and a molybdenum dithiocarbamate of the general formula (iii)

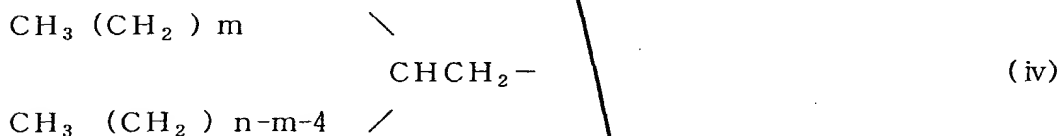


wherein R⁵, R⁶, R⁷ and R⁸ independently represent an alkyl group having from 1 to 24 carbon atoms, and X represents O or S.

2. The grease composition as recited in (1) above, wherein the base oil is made of a carbonate compound of the following general formula (i)



wherein R and R' may be the same or different and independently represent a branched alkyl group of the following general formula (iv)

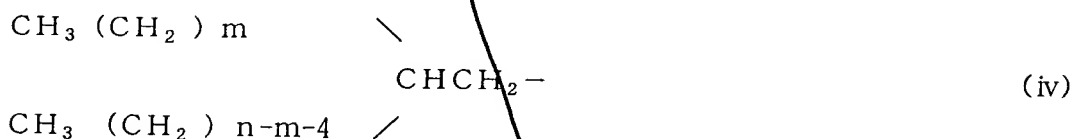


wherein n = 13 to 15 and m = 0 to 6.

3. A grease composition for a bearing of information devices which comprises 70 to 95 parts by weight of a carbonate compound of the general formula (i)



wherein R and R' may be the same or different and independently represent a branched alkyl group of the following general formula (iv)



wherein $n = 13$ to 15 and $m = 0$ to 6 , and 5 to 30 parts by weight of a lithium soap.

4. The grease composition as recited in any one of (1) to (3) above, wherein the lithium soap is made of a lithium metal salt prepared from lithium hydroxide and a higher fatty acid having 10 or more carbon atoms or a higher hydroxy fatty acid having 10 or more carbon atoms.

5. The grease composition as recited in any one of (1) to (4) above, wherein the thickener consists of a plurality of thickeners.

6. The grease composition as recited in any one of (1) to (5) above, wherein at least one organomolybdenum compound selected from the molybdenum dithiophosphate and molybdenum dithiocarbamate is present in an amount of 0.5 wt% to 5 wt%, preferably from 1 wt% to 3 wt%, based on 100 parts by weight of the total of the base oil and the thickener.

7. The grease composition as recited in any one of (1) to (6) above, further comprising a fourth component.